



**Alternating Aperture Phase Shifting
Photomask with Improved Intensity Balancing**

Atty. Dkt.: 064441.0225

Inventor: Franklin Dean Kalk

Serial No. 10/044,732 Filed 1/11/2002

Sheet 1 of 3

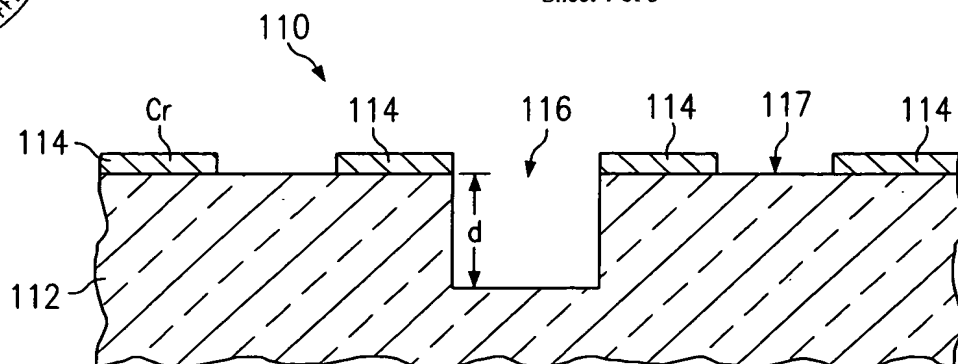


FIG. 1

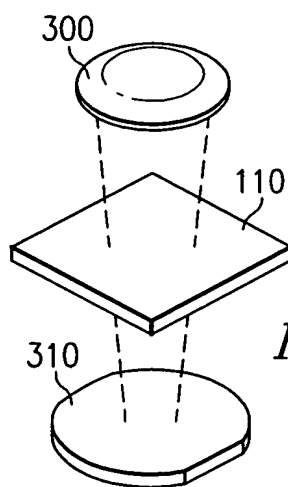


FIG. 2

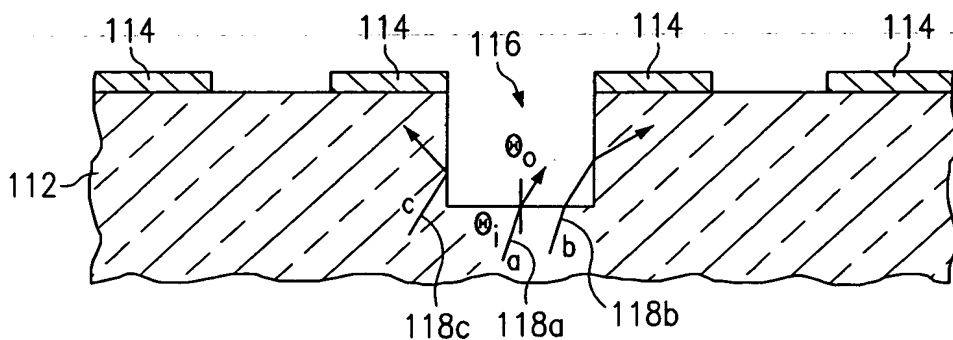


FIG. 3

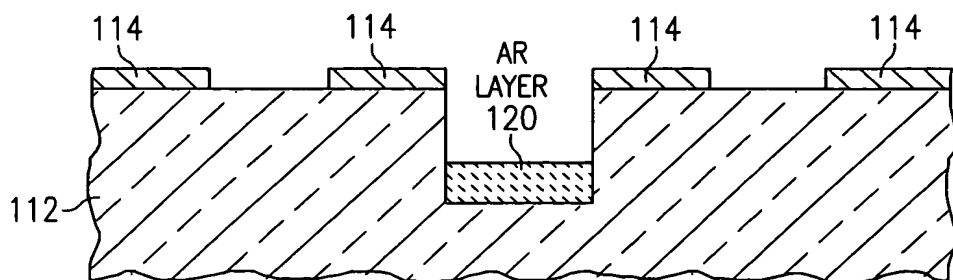


FIG. 4



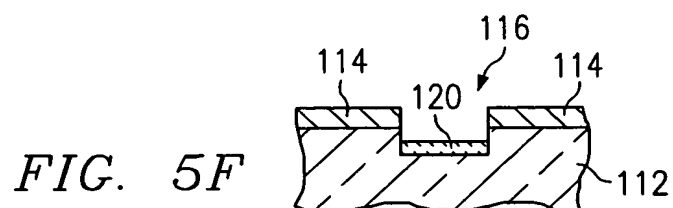
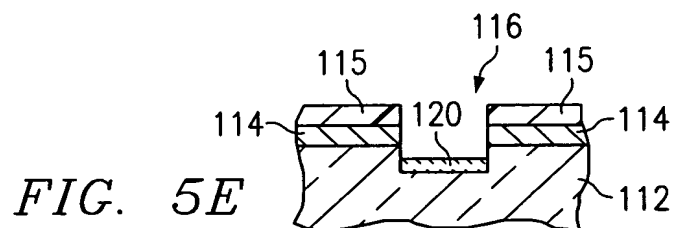
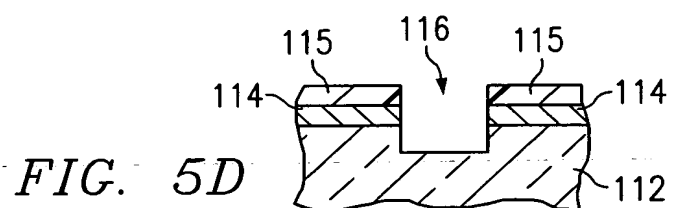
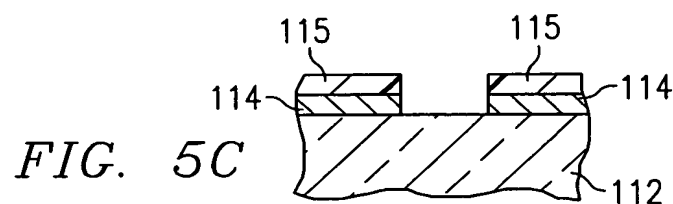
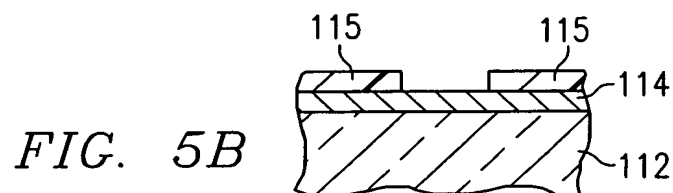
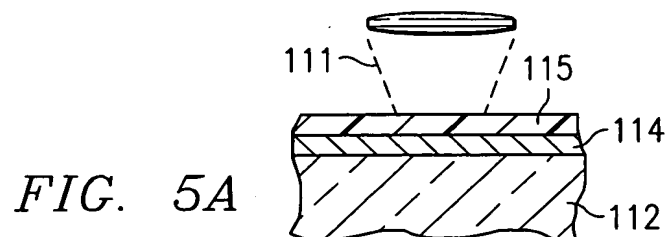
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Sheet 2 of 3



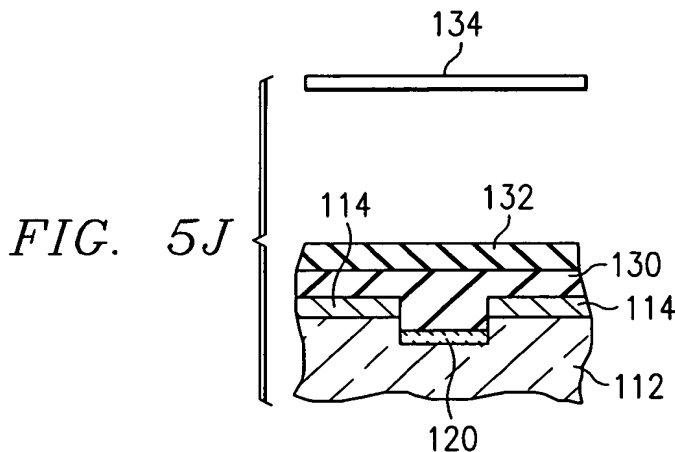
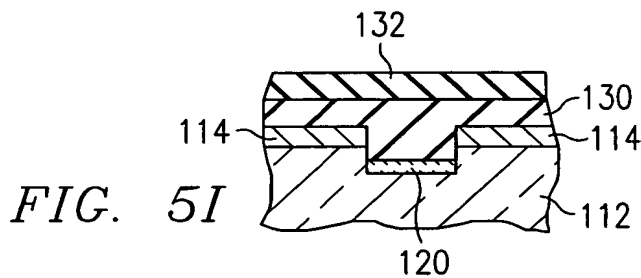
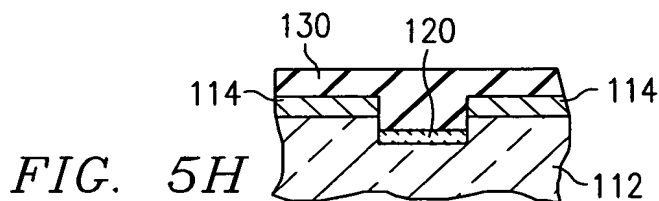
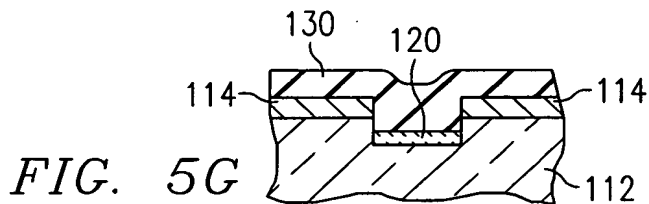


FIG. 6

